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SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: NIRMAL S. BASI Examiner #: 74538 Date: 10/29/03
An Unit: 1646 Phone Number 308 9435 Serial Number: 09129758
Mail Box and Bldg/Room Location: 10E17 Results Format Preferred (circle): PAPER DISK E-MAIL
mail Box 10D19

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Mammal neuronal and sensory cation channel
Inventors (please provide full names): Rainer et al.

Earliest Priority Filing Date: 2/11/98

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search

1. protein ~~comprising~~^{or} SEQ ID NO: 2, 4, & 8
2. protein which is at least 67% identical to ~~to~~
SEQ ID NO: 2, 4, & 8.
3. ~~polynucleotide~~ polynucleotide comprising nucleotide
sequence of nucleotide 123-1700 of SEQ ID NO: 1
4. polynucleotide comprising nucleotide sequence
of nucleotides 1-1542 of SEQ ID NO: 3
5. polynucleotide comprising nucleotide sequence
of nucleotides 109-1785 of SEQ ID NO: 7.

Please search in commercial databases
"i) ISSued patents
"ii) interseam search

(Rusi)

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NA Sequence (#): _____ STN: _____
Searcher Phone #: _____ AA Sequence (#): _____ Dialog: _____